

Docket No. ECV-5413CIP2CON1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 In re application of: Carpentier, et al. ) Group Art Unit: 3738  
Application No.: 10/729,035 )  
Filing Date: December 5, 2003 )  
10 For: FLEXIBLE HEART VALVE AND ASSOCIATED )  
CONNECTING BAND )  
15 Commissioner for Patents  
Washington, D.C. 20231

**TERMINAL DISCLAIMER UNDER 37 CFR §1.321(b)**

20

Dear Sir:

Petitioner, Edwards Lifesciences Corporation, a Delaware Corporation with its principal offices located at One Edwards Way, Irvine, in the County of Orange and State of California, represents that it is the assignee of the entire right, title and interest in and to the invention disclosed in the above-referenced U.S. Patent Application No. 10/729,035.

The above-referenced U.S. Patent Application No. 10/729,035 claims priority under 35 USC §120 back to U.S. Patent Application No. 09/847,930, filed May 3, 2001, now U.S. Patent No. 6,736,845, which is a continuation-in-part of U.S. Patent Application No. 09/332,759, filed 30 June 14, 1999, now U.S. Patent No. 6,558,418.

All of the aforementioned patents and applications are commonly owned by Petitioner.

Petitioner represents that it is the assignee of the entire right, title and interest in and to  
35 the invention disclosed in U.S. Patent No. 6,736,845, and continuations thereof, by the following  
assignments/instruments:

Serial No.: 10/729,035  
Docket No.: ECV-5413CIP2CON1  
Terminal Disclaimer  
Responsive to Office Action dated July 13, 2004

U.S. Patent No. 6,558,418 (S/N: 09/332,759 and all continuations thereof) was assigned from the inventors to Baxter International Inc. as shown by an Assignment recorded on September 20, 1999 at Reel 010245, Frame 0005, and was re-assigned from Baxter International Inc. to Edwards Lifesciences Corporation as shown by an Assignment recorded on June 9, 2000 at Reel 010901, Frame 0274 (recordation attached, see entry on page 4, docket No. ECV-5413).

5 U.S. Patent No. 6,736,845 was assigned from the inventors to Edwards Lifesciences Corporation as shown by an Assignment recorded on October 1, 2001 at Reel 012223, Frame 0170 (recordation attached).

10

In accordance with 37 CFR 3.73, the undersigned certifies that the evidentiary documents with respect to ownership have been reviewed and that, to the best of the knowledge and belief of the undersigned, title is in the Petitioner seeking to take this action.

15

Petitioner hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the above-identified application which would extend beyond the expiration date of prior U.S. Patent No. 6,736,845, whichever expiration date comes earlier.

20

Petitioner hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to prior U.S. Patent No. 6,736,845. This Agreement runs with any patent granted on the above-identified application and is binding upon the grantee, its successors or assigns.

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In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the

Serial No.: 10/729,035  
Docket No.: ECV-5413CIP2CON1  
Terminal Disclaimer  
Responsive to Office Action dated July 13, 2004

full statutory term as defined in 35 USC §§ 154 to 156 and 173 of prior U.S. Patent No. 6,736,845, as presently shortened by any terminal disclaimer, in the event that the prior U.S. Patent No. 6,736,845: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or 5 terminally disclaimed under 37 CFR 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

FEE PAYMENT

10 Please charge the necessary fee under 37 CFR §1.20(d) to Deposit Account No. 50-1225 (ECV-5413CIP2CON1). A duplicate of this disclaimer is attached.

If there are any questions, please call the undersigned.

15

Respectfully submitted,

Date: 11/9/4

20

  
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NO. 4567 P. 6



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AUGUST 30, 2000

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EDWARDS LIFESCIENCES LLC  
DEBRA D. CONDINO  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614



\*101403141A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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EDWARDS  
LIFESCIENCES

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/09/2000

REEL/FRAME: 010901/0274  
NUMBER OF PAGES: 33

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BAXTER INTERNATIONAL INC.

DOC DATE: 06/09/2000

ASSIGNEE:  
EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 06712528 BE-3504  
PATENT NUMBER:

FILING DATE: 03/18/1985 ✓  
ISSUE DATE:

SERIAL NUMBER: 08584718 BE-4540CON  
PATENT NUMBER:

FILING DATE: 01/11/1996 ✓  
ISSUE DATE:

SERIAL NUMBER: 09472093 BE 5167 DIV  
PATENT NUMBER:

FILING DATE: 12/23/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 09059125 BE- 5181  
PATENT NUMBER:

FILING DATE: 04/13/1998 ✓  
ISSUE DATE:

010901/0274 PAGE 2

SERIAL NUMBER: 09075409	PATENT NUMBER: BE-5223	FILING DATE: 05/08/1998	✓
ISSUE DATE:			
SERIAL NUMBER: 09362468	PATENT NUMBER: BE-5462	FILING DATE: 07/28/1999	✓
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SERIAL NUMBER: 09390381	PATENT NUMBER: BE-5477	FILING DATE: 09/03/1999	✓
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SERIAL NUMBER: 09429773	PATENT NUMBER: BE-5507	FILING DATE: 10/28/1999	✓
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SERIAL NUMBER: 08559262	PATENT NUMBER: CVG-4938	FILING DATE: 11/15/1995	✓
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SERIAL NUMBER: 09108553	PATENT NUMBER: CVG-5309	FILING DATE: 07/01/1998	✓
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SERIAL NUMBER: 09413948	PATENT NUMBER: CVG-5506	FILING DATE: 10/06/1999	✓ *
ISSUE DATE:			
SERIAL NUMBER: 07095416	PATENT NUMBER: RE33518	ECL 3246RE	FILING DATE: 09/10/1987
			ISSUE DATE: 01/15/1991
SERIAL NUMBER: 06489927	PATENT NUMBER: D282284	ECC 3247	FILING DATE: 04/29/1983
			ISSUE DATE: 01/21/1986
SERIAL NUMBER: 06659134	PATENT NUMBER: D288364	ECC 3452	FILING DATE: 11/26/1982
			ISSUE DATE: 02/17/1987
SERIAL NUMBER: 08475606	PATENT NUMBER: ECC 3572 CON	FILING DATE: 06/07/1995	✓
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SERIAL NUMBER: 08440510	PATENT NUMBER: ECC 3698 CDC	FILING DATE: 05/12/1995	✓
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SERIAL NUMBER: 08130634	PATENT NUMBER: ECC 3913 CCP	FILING DATE: 10/01/1993	✓
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SERIAL NUMBER: 08966435	PATENT NUMBER: ECC 3913 CIPDV	FILING DATE: 11/07/1997	✓
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SERIAL NUMBER: 08645391	PATENT NUMBER: ECC 4324 CDV	FILING DATE: 05/13/1996	✓ *
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SERIAL NUMBER: 08420503	PATENT NUMBER: ECC 4324 CDV	FILING DATE: 04/12/1995	✓ *
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SERIAL NUMBER: 08603550	PATENT NUMBER: ECC 4324 CON	FILING DATE: 02/21/1996	✓ *
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SERIAL NUMBER: 08049231	PATENT NUMBER: ECC 4324 CON	FILING DATE: 04/19/1993	✓ *
ISSUE DATE:			

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SERIAL NUMBER: 09274802 *ECC 4642-DIV* FILING DATE: 03/23/1999 ✓ *✓*  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08440624 *ECC 4883 CIP* FILING DATE: 05/15/1995 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09329002 *ECC 5062 CIP 2* FILING DATE: 06/08/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08725117 *ECC 5063* FILING DATE: 10/02/1996 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09429221 *ECC 5151* FILING DATE: 10/28/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09359927 *ECC 5159 CON* FILING DATE: 07/22/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09135873 *ECC 5378* FILING DATE: 08/17/1998 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09177416 *ECC 5396* FILING DATE: 10/22/1998 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09450032 *ECC 5527* FILING DATE: 11/24/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09456049 *ECC 5528* FILING DATE: 12/07/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09484555 *ECC 5543* FILING DATE: 01/18/2000 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09085944 *ECC 3860 CDC* FILING DATE: 05/27/1998 ✓ *✓*  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09293215 *ECV 4468* FILING DATE: 04/16/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08812506 *ECV 4652 CON* FILING DATE: 03/07/1997 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08764821 *ECV 4652 DIV* FILING DATE: 12/12/1996 ✓  
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SERIAL NUMBER: 09124657 *ECV 4674 CIP CIP* FILING DATE: 07/29/1998 ✓  
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PATENT NUMBER: ISSUE DATE:

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SERIAL NUMBER: 09144010 ECV 4955 CON FILING DATE: 08/31/1998 ✓  
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SERIAL NUMBER: 09082848 ECV 5011 CON FILING DATE: 05/21/1998 ✓  
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SERIAL NUMBER: 09264801 ECV 5040 DIV FILING DATE: 03/09/1999 ✓  
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SERIAL NUMBER: 09016489 ECV 5143 FILING DATE: 01/30/1998 ✓  
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SERIAL NUMBER: 09016147 ECV 5221 FILING DATE: 01/30/1998 ✓  
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SERIAL NUMBER: 09468715 ECV 5283 CIP DIV FILING DATE: 12/21/1999 ✓  
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SERIAL NUMBER: 09157546 ECV 5327 FILING DATE: 09/21/1998 ✓  
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SERIAL NUMBER: 09396124 ECV 5328 FILING DATE: 09/14/1999 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09491987 ECV 5412 FILING DATE: 01/26/2000 ✓  
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SERIAL NUMBER: 09332759 ECV 5413 FILING DATE: 06/14/1999 ✓  
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SERIAL NUMBER: 09491990 ECV 5413 CIP FILING DATE: 01/26/2000 ✓  
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SERIAL NUMBER: 09293214 ECV 5461 FILING DATE: 04/16/1999 ✓  
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SERIAL NUMBER: 09387468 ECV 5476 FILING DATE: 09/01/1999 ✓  
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SERIAL NUMBER: 60178084 ECV 5587 FILING DATE: 01/25/2000 ✓  
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SERIAL NUMBER: 08192894 NC 4582 FILING DATE: 02/07/1994 ✓  
PATENT NUMBER: 6102845 ISSUE DATE: 08/15/2000 ✓

SERIAL NUMBER: 09157846 NC 4582 DIV2 FILING DATE: 09/21/1998 ✓  
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09285933 NC 5409 FILING DATE: 04/02/1999 ✓  
PATENT NUMBER: ISSUE DATE:

010901/0274 PAGE 5

SERIAL NUMBER: 09273030 PATENT NUMBER: 6083238 RMI 5188CIP FILING DATE: 03/19/1999  
ISSUE DATE: 07/04/2000 ✓

SERIAL NUMBER: 08720427 PATENT NUMBER: RMI 5203 FILING DATE: 09/30/1996 ✓  
ISSUE DATE:

SERIAL NUMBER: 09386666 PATENT NUMBER: RMI 5475 FILING DATE: 08/31/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 09438172 PATENT NUMBER: RMI 5497 FILING DATE: 11/11/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 08612742 PATENT NUMBER: 6099791 VAS 4736 FILING DATE: 03/08/1996  
ISSUE DATE: 08/08/2000 ✓

SERIAL NUMBER: 09201953 PATENT NUMBER: VAS 4761 CON FILING DATE: 12/01/1998 ✓  
ISSUE DATE:

SERIAL NUMBER: 09306863 PATENT NUMBER: VAS 4778 CON 2 FILING DATE: 05/07/1999 ✓  
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SERIAL NUMBER: 09203998 PATENT NUMBER: 6110191 VAS 5032 CON FILING DATE: 12/01/1998  
ISSUE DATE: 08/29/2000 ✓

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SERIAL NUMBER: 09358350 PATENT NUMBER: VAS 5041 DIV FILING DATE: 07/21/1999 ✓  
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SERIAL NUMBER: 09163831 PATENT NUMBER: 6071307 VAS 5388 FILING DATE: 09/30/1998  
ISSUE DATE: 06/06/2000 ✓

SERIAL NUMBER: 09247733 PATENT NUMBER: VAS 5416 FILING DATE: 02/09/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 09303038 PATENT NUMBER: VAS 5430 FILING DATE: 04/30/1999 ✓  
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SERIAL NUMBER: 09038500 PATENT NUMBER: 6024729 VAS 5431 FILING DATE: 03/10/1998  
ISSUE DATE: 02/15/2000 ✓

SERIAL NUMBER: 09419315 PATENT NUMBER: VAS 5498 FILING DATE: 10/15/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 08240286 PATENT NUMBER: 5500014 AVO 3843 CCP FILING DATE: 05/09/1994  
ISSUE DATE: 03/19/1996 ✓

SERIAL NUMBER: 07691258 PATENT NUMBER: 5272909 AVO 4127 FILING DATE: 04/25/1991 ✓  
ISSUE DATE: 12/28/1993

SERIAL NUMBER: 06133701 PATENT NUMBER: 5327774 AVO 4127 DIV FILING DATE: 10/08/1993 ✓  
ISSUE DATE: 07/12/1994

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SERIAL NUMBER: 08901987 PATENT NUMBER: 5997573	AVD 4289 CIP DIV	FILING DATE: 07/29/1997 ✓ ISSUE DATE: 12/07/1999 ✓
SERIAL NUMBER: 08264225 PATENT NUMBER: 5609626	AVD 4289 CON	FILING DATE: 06/22/1994 ✓ ISSUE DATE: 03/11/1997 ✓
SERIAL NUMBER: 08467496 PATENT NUMBER: 5824061	AVD 4289 DIV	FILING DATE: 06/06/1995 ✓ ISSUE DATE: 10/20/1998 ✓
SERIAL NUMBER: 07387728 PATENT NUMBER: 5047020	Bl-1605 CIP	FILING DATE: 07/31/1989 ✓ ISSUE DATE: 09/10/1991 ✓
SERIAL NUMBER: 07097295 PATENT NUMBER: 4871357	Bl-1605 CON	FILING DATE: 09/14/1987 ✓ ISSUE DATE: 10/03/1989 ✓
SERIAL NUMBER: 07216070 PATENT NUMBER: 4874581	Bl-1621 CIP	FILING DATE: 07/07/1988 ✓ ISSUE DATE: 10/17/1989 ✓
SERIAL NUMBER: 06885207 PATENT NUMBER: 4698207	Bl-1626	FILING DATE: 07/14/1986 ✓ ISSUE DATE: 10/06/1987 ✓
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SERIAL NUMBER: 07338347 PATENT NUMBER: 5039486	Bl-1652 CON	FILING DATE: 04/12/1989 ✓ ISSUE DATE: 08/13/1991 ✓
SERIAL NUMBER: 07664449 PATENT NUMBER: 5110549	Bl-1652 CIP CN	FILING DATE: 02/28/1991 ✓ ISSUE DATE: 05/05/1992 ✓
SERIAL NUMBER: 07795170 PATENT NUMBER: 5167921	Bl-1652 CPDV	FILING DATE: 11/19/1991 ✓ ISSUE DATE: 12/01/1992 ✓
SERIAL NUMBER: 06948284 PATENT NUMBER: D302299	Bl-1745	FILING DATE: 12/31/1986 ✓ ISSUE DATE: 07/18/1989 ✓
SERIAL NUMBER: 06124312 PATENT NUMBER: 4490254	Bl-3053	FILING DATE: 02/25/1980 ✓ ISSUE DATE: 12/25/1984 ✓
SERIAL NUMBER: 06282283 PATENT NUMBER: 4440723	Bl-3059	FILING DATE: 07/10/1981 ✓ ISSUE DATE: 04/03/1984 ✓
SERIAL NUMBER: 06236941 PATENT NUMBER: 4447150	Bl-3062	FILING DATE: 02/27/1981 ✓ ISSUE DATE: 05/08/1984 ✓
SERIAL NUMBER: 06288118 PATENT NUMBER: 4428934	Bl-3063	FILING DATE: 07/29/1981 ✓ ISSUE DATE: 01/31/1984 ✓
SERIAL NUMBER: 06860710 PATENT NUMBER: 4684508	Bl-3368	FILING DATE: 05/05/1986 ✓ ISSUE DATE: 08/04/1987 ✓
SERIAL NUMBER: 06410039 PATENT NUMBER: 4444498	Bl-3400	FILING DATE: 08/20/1982 ✓ ISSUE DATE: 04/24/1984 ✓

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SERIAL NUMBER: 06683252	Patent Number: 4731260	Bl - 3508	FILING DATE: 12/18/1984
			ISSUE DATE: 03/15/1988 ✓
SERIAL NUMBER: 06746355	Patent Number: 4640819	Bl - 3552	FILING DATE: 06/19/1985
			ISSUE DATE: 02/03/1987 ✓
SERIAL NUMBER: 06736767	Patent Number: 4635467	Bl - 3569	FILING DATE: 05/22/1985
			ISSUE DATE: 01/13/1987 ✓
SERIAL NUMBER: 07056135	Patent Number: 4902476	Bl - 3592CIP	FILING DATE: 05/29/1987
			ISSUE DATE: 02/20/1990 ✓
SERIAL NUMBER: 06743693	Patent Number: 4734269	Bl - 35693590	FILING DATE: 06/11/1985
			ISSUE DATE: 03/29/1988 ✓
SERIAL NUMBER: 07177306	Patent Number: 4911549	Bl - 3709	FILING DATE: 04/05/1988
			ISSUE DATE: 03/27/1990 ✓
SERIAL NUMBER: 07617922	Patent Number: 5120502	Bl - 3715CON	FILING DATE: 11/21/1990
			ISSUE DATE: 06/09/1992 ✓
SERIAL NUMBER: 07260164	Patent Number: 5120501	Bl - 3748	FILING DATE: 10/20/1988
			ISSUE DATE: 06/09/1992 ✓
SERIAL NUMBER: 08024998	Patent Number: 5338512	Bl - 3748 CNDV	FILING DATE: 03/02/1993
			ISSUE DATE: 08/16/1994 ✓
SERIAL NUMBER: 07971717	Patent Number: 5236665	Bl - 3748 CPCN	FILING DATE: 11/04/1992
			ISSUE DATE: 08/17/1993 ✓
SERIAL NUMBER: 07848897	Patent Number: 5225161	Bl - 3748 CON	FILING DATE: 03/10/1992
			ISSUE DATE: 07/06/1993 ✓
SERIAL NUMBER: 07945998	Patent Number: 5316724	Bl - 3748 DVCN	FILING DATE: 09/15/1992
			ISSUE DATE: 05/31/1994 ✓
SERIAL NUMBER: 07359178	Patent Number: 5049146	Bl - 3844	FILING DATE: 05/31/1989
			ISSUE DATE: 09/17/1991 ✓
SERIAL NUMBER: 07369806	Patent Number: 4954055	Bl - 3849	FILING DATE: 06/22/1989
			ISSUE DATE: 09/04/1990 ✓
SERIAL NUMBER: 07428270	Patent Number: 5217689	Bl - 3912	FILING DATE: 10/26/1989
			ISSUE DATE: 06/08/1993 ✓
SERIAL NUMBER: 07554759	Patent Number: 5061236	Bl - 4022	FILING DATE: 07/16/1990
			ISSUE DATE: 10/29/1991 ✓
SERIAL NUMBER: 07906900	Patent Number: 5270005	Bl - 4051 CNDP	FILING DATE: 06/29/1992
			ISSUE DATE: 12/14/1993 ✓
SERIAL NUMBER: 07609301	Patent Number: 5166713	Bl - 4062	FILING DATE: 11/01/1990
			ISSUE DATE: 02/16/1993 ✓

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010901/0274 PAGE 8



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
FILING DATE: 2028/28/1994 ✓  
ISSUE DATE: 07/30/1996 ✓

SERIAL NUMBER: 08331292 *Bx 4143 CON*  
PATENT NUMBER: 5541167

SERIAL NUMBER: 08154654 *Bx 4176 CIP*  
PATENT NUMBER: 5417969

SERIAL NUMBER: 07958667 *Bx 4341*  
PATENT NUMBER: 5266265

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PATENT NUMBER: 5770149

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PATENT NUMBER: 6017493

SERIAL NUMBER: 08989316 *Bx -5182*  
PATENT NUMBER: 5989438

SERIAL NUMBER: 06103401 *CVG 2598*  
PATENT NUMBER: 4388927

SERIAL NUMBER: 06195103 *CVG -2641*  
PATENT NUMBER: 4311573

SERIAL NUMBER: 06577300 *CVG -2667*  
PATENT NUMBER: 4595632

SERIAL NUMBER: 06427782 *CVG -3272*  
PATENT NUMBER: 4557266

SERIAL NUMBER: 06580119 *CVG 3375*  
PATENT NUMBER: 4589964

FILING DATE: 11/18/1993  
ISSUE DATE: 05/23/1995 ✓

FILING DATE: 10/08/1992  
ISSUE DATE: 11/30/1993 ✓

FILING DATE: 07/20/1993  
ISSUE DATE: 03/28/1995 ✓

FILING DATE: 06/28/1993  
ISSUE DATE: 11/29/1994 ✓

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ISSUE DATE: 03/26/1996 ✓

FILING DATE: 06/17/1998  
ISSUE DATE: 12/21/1999 ✓

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ISSUE DATE: 06/23/1998 ✓

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ISSUE DATE: 09/01/1998 ✓

FILING DATE: 12/22/1995  
ISSUE DATE: 05/05/1998 ✓

FILING DATE: 11/03/1997  
ISSUE DATE: 01/26/1999 ✓

FILING DATE: 09/26/1997  
ISSUE DATE: 01/25/2000 ✓

FILING DATE: 12/12/1997  
ISSUE DATE: 11/23/1999 ✓

FILING DATE: 12/13/1979  
ISSUE DATE: 06/21/1983 ✓

FILING DATE: 10/08/1980  
ISSUE DATE: 01/19/1982 ✓

FILING DATE: 02/06/1984  
ISSUE DATE: 06/17/1986 ✓

FILING DATE: 09/29/1982  
ISSUE DATE: 12/10/1985 ✓

FILING DATE: 02/14/1984  
ISSUE DATE: 05/20/1986 ✓

010901/0274 PAGE 9

SERIAL NUMBER: 07794544 PATENT NUMBER: 5244913	CVG- 4167	FILING DATE: 11/19/1991 ISSUE DATE: 09/14/1993 ✓
SERIAL NUMBER: 06723912 PATENT NUMBER: 4670009	ECC 3556	FILING DATE: 04/16/1985 ISSUE DATE: 06/02/1987 ✓
SERIAL NUMBER: 06782032 PATENT NUMBER: 4648868	ECC 1606	FILING DATE: 09/30/1985 ISSUE DATE: 03/10/1987 ✓
SERIAL NUMBER: 07060666 PATENT NUMBER: 4727884	ECC 1618CON	FILING DATE: 06/10/1987 ISSUE DATE: 03/01/1988 ✓
SERIAL NUMBER: 06868313 PATENT NUMBER: 4664126	ECC 1619CIP3	FILING DATE: 05/28/1986 ISSUE DATE: 05/12/1987 ✓
SERIAL NUMBER: 06866772 PATENT NUMBER: 4858618	ECC 1633	FILING DATE: 05/23/1986 ISSUE DATE: 08/22/1989 ✓
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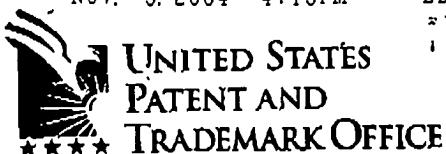
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			ISSUE DATE: 02/04/1997	✓
SERIAL NUMBER: 09191506	PATENT NUMBER: 6001056	NC 5399	FILING DATE: 11/13/1998	✓
			ISSUE DATE: 12/14/1999	✓
SERIAL NUMBER: 07266745	PATENT NUMBER: 5071609	VAS 1718CIP	FILING DATE: 11/03/1988	✓
			ISSUE DATE: 12/10/1991	✓
SERIAL NUMBER: 07043326	PATENT NUMBER: 4816339	VAS 1773	FILING DATE: 04/28/1987	✓
			ISSUE DATE: 03/28/1989	✓
SERIAL NUMBER: 07286440	PATENT NUMBER: 5061276	VAS 1773CIP	FILING DATE: 12/19/1988	✓
			ISSUE DATE: 10/29/1991	✓
SERIAL NUMBER: 06241291	PATENT NUMBER: 4430083	VAS 24648	FILING DATE: 03/06/1981	✓
			ISSUE DATE: 02/07/1984	✓
SERIAL NUMBER: 07119167	PATENT NUMBER: 4791926	VAS 3686	FILING DATE: 11/10/1987	✓
			ISSUE DATE: 12/20/1988	✓

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SERIAL NUMBER: 07132150	VAS 3696	FILING DATE: 12/14/1987
PATENT NUMBER: 4791913		ISSUE DATE: 12/20/1988 ✓
SERIAL NUMBER: 07143738	VAS 3697	FILING DATE: 01/13/1988
PATENT NUMBER: 4820283		ISSUE DATE: 04/11/1989 ✓
SERIAL NUMBER: 07175937	VAS 3722	FILING DATE: 03/31/1988
PATENT NUMBER: 4844071		ISSUE DATE: 07/04/1989
SERIAL NUMBER: 07246578	VAS 3743	FILING DATE: 09/19/1988
PATENT NUMBER: 5024671		ISSUE DATE: 06/18/1991 ✓
SERIAL NUMBER: 07303520	VAS 3794	FILING DATE: 01/26/1989
PATENT NUMBER: 4882113		ISSUE DATE: 11/21/1989 ✓
SERIAL NUMBER: 07381895	VAS 3859	FILING DATE: 07/18/1989
PATENT NUMBER: 4990138		ISSUE DATE: 02/05/1991 ✓
SERIAL NUMBER: 08074018	VAS 4096 CON	FILING DATE: 06/09/1993
PATENT NUMBER: 5376110		ISSUE DATE: 12/27/1994 ✓
SERIAL NUMBER: 08370705	VAS 4699	FILING DATE: 01/10/1995
PATENT NUMBER: 5669881		ISSUE DATE: 09/23/1997 ✓
SERIAL NUMBER: 08762113	VAS 4737 CON	FILING DATE: 12/10/1995
PATENT NUMBER: 5976192		ISSUE DATE: 11/02/1999 ✓
SERIAL NUMBER: 08423762	VAS 4761	FILING DATE: 04/17/1995
PATENT NUMBER: 5641373		ISSUE DATE: 06/24/1997 ✓
SERIAL NUMBER: 08844482	VAS 4761 DIV	FILING DATE: 04/18/1997
PATENT NUMBER: 5843173		ISSUE DATE: 12/01/1998 ✓
SERIAL NUMBER: 08486038	VAS 4778	FILING DATE: 06/07/1995
PATENT NUMBER: 5707389		ISSUE DATE: 01/13/1998 ✓
SERIAL NUMBER: 08910944	VAS 4778 CON	FILING DATE: 08/08/1997
PATENT NUMBER: 5947994		ISSUE DATE: 09/07/1999 ✓
SERIAL NUMBER: 08485616	VAS 4911	FILING DATE: 06/07/1995
PATENT NUMBER: 5658302		ISSUE DATE: 08/19/1997 ✓
SERIAL NUMBER: 08833155	VAS 4911 CON	FILING DATE: 04/04/1997
PATENT NUMBER: 5868768		ISSUE DATE: 02/09/1999 ✓
SERIAL NUMBER: 08713070	VAS 5032	FILING DATE: 09/12/1996
PATENT NUMBER: 5968068		ISSUE DATE: 10/19/1999 ✓
SERIAL NUMBER: 08675644	VAS 5041	FILING DATE: 07/03/1996
PATENT NUMBER: 5928279		ISSUE DATE: 07/27/1999 ✓
SERIAL NUMBER: 09135736	VAS 5192	FILING DATE: 08/18/1998
PATENT NUMBER: 6013092		ISSUE DATE: 01/11/2000 ✓



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NO. 4567 P. 25

DECEMBER 10, 2001

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LAW DEPARTMENT  
ONE EDWARDS WAY  
IRVINE, CA 92614

DEC 17 2001



\*101868194A\*

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 10/01/2001

REEL/FRAME: 012223/0170  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MARQUEZ, SALVADOR

DOC DATE: 09/13/2001

ASSIGNOR:  
ARGENTO, CLAUDIO

DOC DATE: 09/13/2001

ASSIGNOR:  
RHEE, RICHARD S.

DOC DATE: 09/13/2001

ASSIGNEE:  
EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614SERIAL NUMBER: 09847930  
PATENT NUMBER:FILING DATE: 05/03/2001  
ISSUE DATE:

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EDWARDS IRV DEPT 949 250 6850

NO. 4567 P. 26

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MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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EDWARDS IRV DEPT 949 250 6850

NO. 4567 P. 27

Docket No.: ECV-5413CIP2

10-10-2001

RE



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101868194

To the Director U.S. Patent and Trademark Office, Box Assignment: Please record the attached original document(s) or copy thereof.

1. Name of Conveying Parties:

10/01/01  
Salvador Marquez, executed on 9/13/01  
Claudio Argento, executed on 9/13/01  
Richard S. Rhee, executed on 9/13/01

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and Address of Receiving Party(ies):

10/01/01  
Edwards Lifesciences Corporation OCT - 1 2001  
One Edwards Way  
Irvine, CA 92614

Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

4. Application Number(s) or Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_.

A. Patent Application No.(s)

09/847,930

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and Address of Party To Whom Correspondence  
Concerning Document Should Be Mailed:

John Christopher James  
EDWARDS LIFESCIENCES LLC  
Law Department  
One Edwards Way  
Irvine, California 92614

6. Total Number of Applications and Patents  
Involved: 1

7. Total Fee (37CFR 3.41).....\$40.00

Enclosed

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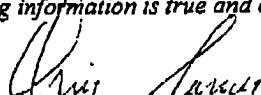
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John Christopher James, 40,660  
Name of Person Signing and Reg. No.

  
Signature

Sept. 20, 2001  
Date

Total Number of Pages Including Coversheet, Attachments and Document: 3

Docket No.: 5413 CIP2  
 Application No.: 69/847,930  
 Filed: 05/03/2001

ASSIGNMENT  
 (Joint Inventors)

In consideration of one dollar (\$1.00) and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to EDWARDS LIFESCIENCES CORPORATION (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at One Edwards Way, Irvine, California, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in HOLDER FOR FLEXIBLE HEART VALVE, and the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which we may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of said applications, and in any reissue, reexam or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said EDWARDS LIFESCIENCES CORPORATION

We hereby authorize and request the attorneys of record in said application to insert in this Assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and C-I-P applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue, reexam or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient. For said consideration we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any division, continuation, or C-I-P thereof, or Letters Patent issued thereon, or any reissue, reexam or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire rights, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

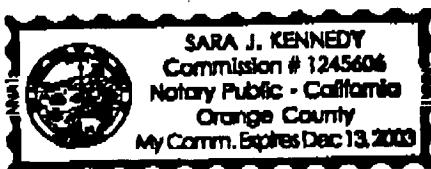
Date 9/13/01 Signature Salvador Marquez  
 Typed Name: Salvador Marquez  
 State of California, County of Orange

On 9-13-01 before me, Sara J. Kennedy, Notary Public, personally appeared Salvador Marquez, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy  
 Signature of Notary

(Seal)



Date 9/13/01 Signature Claudio Argento  
 Typed Name: Claudio Argento  
 State of California, County of Orange

On 9-13-01 before me, Sara J. Kennedy Notary Public, personally appeared Claudio Argento, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy  
 Signature of Notary



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NO. 4567 P. 29

Docket No.: 5413 CIP2  
Application No.: 09/847,930  
Filed: 05/03/2001

ASSIGNMENT  
(Joint Inventors)

Date 9/13/01 Signature Richard S. Rhee

Typed Name: Richard S. Rhee

State of California, County of Orange

On 9-13-01 before me, Sara J. Kennedy, Notary Public, personally appeared Richard S. Rhee, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy (Seal)  
Signature of Notary

